

Industrial Hygiene Test

Analyte	CAS #	Method	Technique
Acetaldehyde	75-07-0	NIOSH 2016M	HPLC
Acetic Acid	64-19-7	OSHA ID 186SG	IC
Acetic Acid	64-19-7	NIOSH 2011M	IC
Acetic Anhydride	108-24-7	OSHA 82	GC/NPD
Acetone	67-64-1	OSHA 69	GC/FID
Acetone	67-64-1	NIOSH 1300	GC/FID
Acetonitrile	75-05-8	NIOSH 1606	GC/FID
Acid Mist (see Inorganic Profiles)	N/A	NIOSH 7903	IC
Acrolein	107-02-8	NIOSH 2016M	HPLC
Acrylamide	79-06-1	OSHA 21	GC/NPD
Acrylic Acid	79-10-7	OSHA 28	HPLC
Acrylonitrile	107-13-1	NIOSH 1604	GC/FID
Aldehyde Profile	N/A	EPA TO-11	HPLC/UV
Aldrin	309-00-2	TO-11A	GC/ECD
See Organochlorine Pesticide Profile.			
Alkaline Dust (as NaOH or KOH)	1310-73-2	NIOSH 7401	TITRA
Aluminum	7429-90-5	NIOSH 7300	ICP
Also see welding Fume Profile.			
Ammonia	766-44-17	NIOSH 6015	Wet
Ammonia	7664-41-7	NIOSH 6016	IC

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Analyte	CAS #	Method	Technique
n-Amyl Acetate	628-63-7	NIOSH 1450	GC/FID
sec- Amyl Acetate	626-38-0	NIOSH 1450	GC/FID
Aniline	62-53-3	NIOSH 2017	GC/FID
Aniline	62-53-3	NIOSH 2002	GC/FID
Antimony	7440-36-0	NIOSH 7300	ICP
Also See Welding Fumes Profile.			
Arsenic	7440-38-2	NIOSH 7300	ICP
Arsenic Trioxide (as Arsenic)	N/A	NIOSH 7901	GFAA
Arsine (as Arsenic)	7784-42-1	NIOSH 6001M	ICP
Asbestos Bulk ID	N/A	EPA 600/R-93/116	PLM
Asbestos Bulk Point Count	N/A	EPA 600/R-93/116	PLM
Asbestos Fiber Count	N/A	NIOSH 7400	PCM
Asphalt Fumes - Benzene Soluble Fraction	N/A	NIOSH 5042	GR
Asphalt Fumes - Total Particulates	N/A	NIOSH 5042	GRAV
Includes total particulate and benzene solubles.			
Barium	7440-39-3	NIOSH 7300	ICP
Benzene	71-43-2	NIOSH 1501	GC/FID
Benzidine	92-87-5	NIOSH 5509	HPLC
Ship on dry ice by overnight delivery.			
Benzo (a) pyrene	50-32-8	NIOSH 5506	HPLC/FL
Also see selected PNA Profile.			
Benzoyl Peroxide	94-36-0	NIOSH 5009	HPLC

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Benzyl Chloride	100-44-7	NIOSH 1003	GC/FID
Beryllium	7440-41-7	NIOSH 7300	ICP
Also see Welding Fumes Profile.			
Biphenyl (Diphenyl)	92-52-4	NIOSH 2530	GC/FID
Bismuth	1304-82-1	NIOSH 7300	ICP
Bisphenol A	80-05-7	OSHA CSI	HPLC
Boron	7440-42-8	NIOSH 7300	ICP
Bromine	7726-95-6	NIOSH 6011	IC
Bromoform	75-25-2	NIOSH 1003	GC/FID
BTEX	N/A	NIOSH 1501	GC/FID
1,3-Butadiene	106-99-0	OSHA 56	GC/FID
Ship refrigerated overnight.			
1,3-Butadiene	106-99-0	NIOSH 1024	GC/FID
Ship refrigerated overnight.			
2-Butanone	78-93-3	NIOSH 2500	GC/FID
2-Butoxyethanol	111-76-2	NIOSH 1403	GC/FID
2-Butoxyethyl Acetate	112-07-2	OSHA 83	GC/FID
n-Butyl Acetate	123-86-4	NIOSH 1450	GC/FID
s-Butyl Acetate	105-46-4	NIOSH 1450	GC/FID
t-Butyl Acetate	540-88-5	NIOSH 1450	GC/FID
n-Butyl Acrylate	141-32-2	NIOSH 1450M	GC/FID

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Analyte	CAS #	Method	Technique
n-Butyl Alcohol	71-32-3	NIOSH 1401	GC/FID
s-Butyl Alcohol	15892-23-6	NIOSH 1401	GC/FID
t-Butyl Alcohol	75-65-0	NIOSH 1400	GC/FID
Butyl Carbitol	112-34-5	NIOSH 1403	GC/FID
Butyl Cellosolve	111-76-2	NIOSH 1403	GC/FID
Butyl Cellosolve Acetate	112-07-2	NIOSH 1403	GC/FID
n-Butyl Glycidyl Ether	2426-08-6	NIOSH 1616	GC/FID
Butyl Methacrylate	97-88-1	NIOSH 2537	GC/FID
Cadmium	7440-43-9	NIOSH 7300	ICP
Calcium	7440-70-2	NIOSH 7300	ICP
Camphor	76-22-2	NIOSH 1301	GC/FID
Caprolactam - Dust	105-60-2	OSHA CSI	HPLC
Caprolactam - Vapor	105-60-2	OSHA CSI	HPLC
Carbon Black	1333-86-4	NIOSH 5000	GR
Carbon Black	1333-86-4	OSHA ID 196	GR
Carbon Tetrachloride	56-23-5	NIOSH 1003	GC/FID
Cellosolve	110-80-5	NIOSH 1403	GC/FID
Cellosolve Acetate	111-15-9	NIOSH 1450	GC/FID

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Analyte	CAS #	Method	Technique
Chlordane	57-74-9	OSHA 67	GC/ECD
Chlordane	57-74-9	NIOSH 5510	GC/ECD
Chlorine	7782-50-5	NIOSH 6011	IC
Chlorine Dioxide	10049-04-4	OSHA ID 202	IC
Protect solution from light. Chlorobenzene	108-90-7	NIOSH 1003	GC/FID
Chlorobromomethane	74-97-5	NIOSH 1003	GC/FID
Chloroform	67-66-3	NIOSH 1003	GC/FID
b-Chloroprene	126-99-8	NIOSH 1002	GC/FID
Chlorpyrifos	2921-88-2	OSHA 62	GC/ECD
Chromic Acid - Sol. Chromates		NIOSH 7600	SPEC
Chromium	7440-47-3	NIOSH 7300	ICP
Chromium, Hexavalent		OSHA 215	VAS
Hexavalent Chromium		OSHA 215	VAS
Coal Tar Pitch Volatiles	65996-93-2	OSHA 58	HPLC
Ship refrigerated overnight. Coal Tar Pitch Volatiles	65996-93-2	OSHA 58	GR
Ship refrigerated for overnight delivery. Cobalt	744-48-4	NIOSH 7300	ICP
Coke Oven Emissions	67-63-0	OSHA 58	GRI
Ship refrigerated for overnight delivery. Coke Oven Emissions	67-63-0	OSHA 58	HPLC
Ship refrigerated overnight.			

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Analyte	CAS #	Method	Technique
Copper	7440-50-8	NIOSH 7300	ICP
Cresols, Total Isomers		NIOSH 2546	GC/FID
Cumene	98-82-8	NIOSH 1501	GC/FID
Cyanides, Gaseous (HCN)	151-50-8	NIOSH 6010	SPEC
Cyanides, Particulate	151-50-8	NIOSH 7904	ISE
Cyanides, Total	151-50-8	NIOSH 7904	ISE
Cyclohexane	110-82-7	NIOSH 1500	GC/FID
Cyclohexanol	108-93-0	NIOSH 1402	GC/FID
Cyclohexanone	108-94-1	NIOSH 1300	GC/FID
Cyclohexene	110-83-8	NIOSH 1500	GC/FID
DDVP	62-73-7	OSHA 62M	GC/ECD
n-Decane	124-18-5	NIOSH 1500	GC/FID
Di(2-Ethylhexyl) Phthalate	117-81-7	NIOSH 5020	GC/FID
Diacetone Alcohol	123-42-2	NIOSH 1402	GC/FID
Diazinon	333-41-5	NIOSH 5600M	GC/ECD
Dibutylphthalate	84-74-2	NIOSH 5020	GC/FID
1,2-Dichloro-1,1,2,2-Tetrafluoroethane (R114)	76-14-2	NIOSH 1018	GC/FID
1,1-Dichloro-1-fluoroethane (R141b)	1717-00-6	NIOSH 2516	GC/FID

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Analyte	CAS #	Method	Technique
o-Dichlorobenzene	95-50-1	NIOSH 1003	GC/FID
p-Dichlorobenzene	106-46-7	NIOSH 1003	GC/FID
Dichlorodifluoromethane (R12)	75-71-8	NIOSH 1018	GC/FID
1,1-Dichloroethane	75-34-3	NIOSH 1003	GC/FID
1,2-Dichloroethane	107-06-2	NIOSH 1003	GC/FID
1,2-Dichloroethylene	540-59-0	NIOSH 1003	GC/FID
Dichlorofluoromethane (R21)	75-43-4	NIOSH 2516	GC/FID
Dichloromethane	75-09-2	NIOSH 1005	GC/FID
1,2-Dichloropropane	78-87-5	NIOSH 1013M	GC/FID
Dichlorvos	62-73-7	OSHA 62M	GC/ECD
Diethyl Ether	60-29-7	NIOSH 1610	GC/FID
Diethylene Glycol	111-46-6	NIOSH 5523	GC/FID
Diethylene Glycol Mono-Ethyl Ether	111-90-0	NIOSH1403M	GC/FID
Diisobutyl Ketone	108-83-8	NIOSH 1300	GC/FID
Dimethoxymethane	109-87-5	NIOSH 1611	GC/FID
Dimethylacetamide	127-19-5	NIOSH 2004	GC/FID
Dimethylformamide	68-12-2	NIOSH 2004	GC/FID
1,4-Dioxane	123-91-1	NIOSH 1602	GC/FID

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Analyte	CAS #	Method	Technique
Diphenyl	92-52-4	NIOSH 2530	GC/FID
Dipropylene Glycol Methyl Ether	34590-94-8	OSHA 7	GC/FID
Divinylbenzene	1321-74-0	OSHA 89	GC/FID
Dursban	2921-88-2	OSHA 62	GC/ECD
Dust, Nuisance Resp.	N/A	NIOSH 0600	GR
Dust, Nuisance Total	N/A	NIOSH 0500	GR
Epichlorohydrin	106-89-8	NIOSH 1010	GC/FID
Ethanol	64-17-5	NIOSH 1400	GC/FID
2-Ethoxyethanol (Cellosolve)	101-80-5	NIOSH 1403	GC/FID
2-Ethoxyethyl Acetate	111-15-9	NIOSH 1450	GC/FID
Ethyl Acetate	141-78-6	NIOSH 1457	GC/FID
Ethyl Acrylate	140-88-5	NIOSH 1450	GC/FID
Ethyl Alcohol	64-17-5	NIOSH 1400	GC/FID
Ethyl Amyl Ketone	541-85-5	OSHA 07	GC/FID
Ethyl Benzene	100-41-4	NIOSH 1501	GC/FID
Ethyl Chloride (Chloroethane)	75-00-3	NIOSH 2519	GC/FID
Ethyl Cyanoacrylate	7085-85-0	OSHA 55	HPLC
Ethyl Ether	60-29-7	NIOSH 1610	GC/FID

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Analyte	CAS #	Method	Technique
Ethylene Chlorohydrin	107-07-3	NIOSH 2513	GC/FID
Ethylene Dibromide	106-93-4	NIOSH 1008	GC/ECD
Ethylene Dichloride	107-06-2	NIOSH 1003	GC/FID
Ethylene Glycol	107-21-1	NIOSH 5523	GC/FID
Also see Glycol Profile			
Ethylene Oxide	75-21-1	NIOSH 1614	GC/ECD
Fiber Count, Total	N/A	NIOSH 7400A or B	PCM
Fibrous Glass (Synthetic Vitreous)	N/A	NIOSH 7400B	PCM
Fluorides, Gaseous	16984-48-8	NIOSH 7906	IC
Fluorides, Particulate	16984-48-8	NIOSH 7906	IC
Forane	26675-46-7	OSHA 103	GC/FID
Formaldehyde	50-00-0	NIOSH 2016 or TO-11	HPLC
Formaldehyde	50-00-0	NIOSH 3500	Color Metric
Formic Acid	64-18-6	NIOSH 2011	IC
Furfural	98-01-1	NIOSH 2529	GC/FID
Furfuryl Alcohol	98-00-0	NIOSH 2505	GC/FID
Gasoline	8006-61-9	NIOSH 1550M	GC/FID
Glass Fibers/Syn. Vitreous Fibers	N/A	NIOSH 7400B	PCM
Glutaraldehyde	11-30-8	NIOSH 2016M	HPLC

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Analyte	CAS #	Method	Technique
Halothane	151-67-7	OSHA ID 103	GC/FID
HDI	822-06-0	OSHA 42	HPLC/FL
Ship samples refrigerated by overnight delivery.			
Heptachlor	76-44-8	TO-10A	GC/ECD
Heptane	142-82-5	NIOSH 1500	GC/FID
2-Heptanone	110-43-0	NIOSH 1301	GC/FID
Hexamethylene Diisocyanate	822-06-0	OSHA 42	HPLC/FL
n-Hexane	110-54-3	NIOSH 1500	GC/FID
2-Hexanone (MBK)	591-78-6	NIOSH 1300	GC/FID
Hexone (MIBK)	108-10-1	NIOSH 1300	GC/FID
Hydrazine	302-10-6	OSHA 20	HPLC
Hydrobromic Acid	10035-10-6	NIOSH 7903	IC
Hydrocarbons, Total as n-Hexane	110-54-3	NIOSH 1500	GC/FID
Also see THC Profile			
Hydrochloric Acid	7647-01-0	NIOSH 7903	IC
Hydrofluoric Acid	7664-39-3	NIOSH 7903	IC
Hydrogen Bromide	10035-10-6	NIOSH 7903	IC
Hydrogen Chloride	7647-01-0	NIOSH 7903	IC
Also see Inorganic Acid Profile.			
Hydrogen Cyanide	74-90-8	NIOSH 6010	SPEC
Hydrogen Fluoride	7664-39-3	NIOSH 7903	IC
Also see Inorganic Acid Profile.			

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Analyte	CAS #	Method	Technique
Hydrogen Sulfide	7783-06-4	NIOSH 6013	IC
Hydroquinone	123-31-9	NIOSH 5004	HPLC
Iron Oxide	1309-37-1	NIOSH 7300	ICP
Isoamyl Acetate	123-92-2	NIOSH 1450	GC/FID
Isoamyl Alcohol	123-51-3	NIOSH 1402	GC/FID
Isobutyl Acetate	110-19-0	NIOSH 1450	GC/FID
Isobutyl Alcohol	78-83-1	NIOSH 1401	GC/FID
Isoflurane	26675-46-7	OSHA 103	GC/FID
Isooctane	540-84-1	NIOSH 1500	GC/FID
Isophorone	78-59-1	NIOSH 2508	GC/FID
Isopropyl Acetate	108-21-4	NIOSH 1454	GC/FID
Isopropyl Alcohol	67-63-0	NIOSH 1400	GC/FID
Isovaleraldehyde	590-86-3	NIOSH 2016M	HPLC
Kerosene (Diesel fuel)	8008-20-6	NIOSH 1550	GC/FID
Lead	7439-92-1	NIOSH 7300	ICP
Lead - Wipes/Dust	7439-92-1	NIOSH 9100	ICP
Lithium	7439-93-2	NIOSH 7300	ICP
Lithium Hydride	7580-67-8	NIOSH 7300M	ICP

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Analyte	CAS #	Method	Technique
Magnesium - Fume	1309-48-4	NIOSH 7300	ICP
Maleic Anhydride	108-31-6	OSHA 86	HPLC
Manganese	7439-96-5	NIOSH 7300	ICP
MDI	101-68-8	OSHA 47	HPLC/FL
Ship samples refrigerated by overnight delivery.			
Mercury	7439-97-6	NIOSH 6009	MA-CVAA
Mercury Particulate	7439-97-6	NIOSH 6009M	MA-CVAA
Mesityl Oxide	141-79-7	NIOSH 1301	GC/FID
Mesitylene	108-67-8	NIOSH 1501	GC/FID
Metal Working Fluids	N/A	ASTM PS 42-97	GR
Methanol	67-56-1	NIOSH 2000	GC/FID
2-Methoxyethanol	109-86-4	OSHA 79	GC/FID
2-Methoxyethyl Acetate	110-49-6	OSHA 79	GC/FID
Methyl Acetate	79-20-9	NIOSH 1458	GC/FID
Methyl Acrylate	96-33-3	NIOSH 1459	GC/FID
Methyl Alcohol	67-56-1	NIOSH 2000	GC/FID
Methyl Butyl Ketone	591-78-6	NIOSH 1300	GC/FID
Methyl Cellosolve	109-86-4	OSHA 79	GC/FID
Methyl Cellosolve Acetate	110-49-6	OSHA 79	GC/FID

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Analyte	CAS #	Method	Technique
Methyl Chloroform	71-55-6	NIOSH 1003	GC/FID
Methyl Cyclohexane	108-87-2	NIOSH 1500	GC/FID
Methyl Ethyl Ketone	78-93-3	NIOSH 2500	GC/FID
Methyl Isoamyl Ketone	110-12-3	NIOSH 1300	GC/FID
Methyl Isobutyl Carbinol	108-11-2	NIOSH 1402	GC/FID
Methyl Isobutyl Ketone	108-10-1	NIOSH 1300	GC/FID
Methyl Methacrylate	80-62-6	NIOSH 2537	GC/FID
Methyl Methacrylate	80-62-6	OSHA 94	GC/FID
Methyl n-Amyl Ketone	110-43-0	NIOSH 1301	GC/FID
Methyl Propyl Ketone	107-87-9	OSHA 07	GC/FID
Methyl Styrene (alpha)	98-83-9	NIOSH 1501	GC/FID
Methyl t-Butyl Ether	1634-04-4	NIOSH 1615	GC/FID
Methylene Bisphenyl Diisocyanate	101-68-8	OSHA 47	HPLC/FL
Ship samples refrigerated by overnight delivery.			
Methylene Chloride	75-09-2	OSHA 80	GC/FID
Methylene Chloride	75-09-2	NIOSH 1005	GC/FID
4,4-Methylene Dianiline	101-77-9	NIOSH 5029	HPLC/UV
Mineral Spirits	8030-30-6	NIOSH 1550	GC/FID
MOCA	101-14-4	OSHA 71	GC/ECD
Ship refrigerated by overnight delivery.			

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Analyte	CAS #	Method	Technique
Mold Spore Count & ID (Non - Viable)	N/A	Standard Microscopy	
See indoor Air Quality Profiles.			
Mold Spore ID (Non - Viable) Bulk	N/A	Standard Microscopy	
Molybdenum, Total	7439-98-7	NIOSH 7300	ICP
MTBE	1634-04-4	NIOSH 1615	GC/FID
N,N-Dimethylaniline	121-69-7	NIOSH 2002	GC/FID
Naphtha, Petroleum	8030-30-6	NIOSH 1550	GC/FID
Naphtha, VM & P	8032-32-4	NIOSH 1550	GC/FID
Naphthalene	91-20-3	OSHA 35	GC/FID
Naphthalene	91-20-3	NIOSH 1501	GC/FID
Nickel	7440-02-2	NIOSH 7300	ICP
Nicotine	54-11-5	NIOSH 2544	GC/NPD
Nitric Oxide (NO)	10102-43-9	OSHA ID 190	IC
Nitric Acid	7697-37-2	NIOSH 7903	IC
Also see Inorganic Acid Profile.			
Nitrobenzene	98-95-3	NIOSH 2005	GC/FID
Nitrogen Dioxide	10102-44-0	OSHA ID 182	IC
Nitrogen Dioxide & Nitric Oxide	N/A	OSHA ID 182	IC
n-Methyl Pyrrolidone (NMP)	872-50-4	NIOSH 1302	GC/FID
Nuisance Dust, Respirable	N/A	NIOSH 0600	GR

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Nuisance Dust, Total	N/A	NIOSH 0500	GR
n-Octane	11-65-9	NIOSH 1500	GC/FID
PAHs (PNAs)	N/A	NIOSH 5506	HPLC/UV/FL
Also See PNAs Profile.			
PCBs - Vapor & Particulate	N/A	NIOSH 5503M	GC/ECD
Pentachlorophenol	87-86-5	OSHA 39	HPLC
n-Pentane	109-66-0	NIOSH 1500	GC/FID
2-Pentanone	107-87-9	OSHA 07	GC/FID
Perchloroethylene	127-18-4	NIOSH 1003	GC/FID
Phenol	108-95-2	OSHA 32	HPLC
Phenyl Ether	101-84-8	NIOSH 1617	GC/FID
Phenyl Ether / Biphenyl Mix	101-84-8	NIOSH 2013	GC/FID
Phenyl Glycidyl Ether	122-60-1	NIOSH 1619	GC/FID
Phosphoric Acid	7664-38-2	OSHA ID 111	IC
Phosphoric Acid	7664-38-2	NIOSH 7903	IC
Also see Inorganic Acid Profile.			
Phthalic Anhydride	85-44-9	OSHA 90	HPLC
PNAs	N/A	NIOSH 5506	HPLC
Polychlorinated Biphenyls - Vapor & Particulate	N/A	NIOSH 5503	GC/ECD
Polynuclear Aromatic Hydrocarbons	N/A	NIOSH 5506	HPLC
See PNAs Profile.			

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Potassium & Compounds	7440-09-7	NIOSH 7300	ICP
Potassium Hydroxide	1310-58-3	NIOSH 7401	TITRA
n-Propyl Acetate	109-60-4	NIOSH 1450	GC/FID
n-Propyl Alcohol	71-23-8	NIOSH 1401	GC/FID
n-Propyl Bromide	106-94-5	NIOSH 1011M	GC/FID
Propylene Dichloride	78-87-5	NIOSH 1013M	GC/FID
Propylene Glycol	57-55-6	NIOSH 5523M	GC/FID
Also see Glycol Profile. Propylene Oxide	75-56-9	NIOSH 1612	GC/FID
Pyrethrum	8003-34-7	NIOSH 5008	HPLC
Pyridine	110-86-1	NIOSH 1613	GC/FID
Refrigerant 11	75-69-4	NIOSH 1006	GC/FID
Refrigerant 113	76-13-1	NIOSH 1020	GC/FID
Refrigerant 114	76-14-2	NIOSH 1018	GC/FID
Refrigerant 12	75-71-8	NIOSH 1018	GC/FID
Refrigerant 123	306-83-2	NIOSH 2516	GC/FID
Refrigerant 134a	811-97-2	NIOSH 1016	GC/FID
Refrigerant 141b	1717-00-6	NIOSH 2516	GC/FID
Refrigerant 21	75-43-4	NIOSH 2516	GC/FID

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Refrigerant 22	75-45-6	NIOSH 1020	GC/FID
Refrigerant 43	138495-42-8	NIOSH 1018	GC/FID
Selenium	7782-49-2	NIOSH 7300	ICP
Sodium	7440-23-5	NIOSH 7300	ICP
Sodium Hydroxide	1310-73-2	NIOSH 7401	TITRA
Stoddard Solvent	N/A	NIOSH 1550	GC/FID
Strontium	7789-06-2	NIOSH 7300M	ICP
Styrene	100-42-5	NIOSH 1501	GC/FID
Sulfates	N/A	NIOSH 6004	IC
Sulfur Dioxide	7446-09-5	NIOSH 6004	IC
Sulfuric Acid	7664-93-9	OSHA ID 113	IC
Sulfuric Acid	7664-93-9	NIOSH 7903	IC
Also see Inorganic Acid Profile.			
TDI, 2,4	584-84-9	OSHA 42	HPLC
Ship samples refrigerated by overnight delivery.			
TDI, 2,6-	91-08-7	OSHA 42	HPLC
Ship samples refrigerated by overnight delivery.			
Tellurium	13494-80-9	NIOSH 7300	ICP
1,1,2,2-Tetrabromoethane	79-27-6	NIOSH 2003	GC/FID
Tetrachloroethylene	127-18-4	NIOSH 1003	GC/FID
Tetraethyl Lead (as Pb)	78-00-2	OSHA CST	ICP

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Analyte	CAS #	Method	Technique
Tetraethyl Lead (as Pb)	78-00-2	NIOSH 2553	GC/PID
1,1,1,2-Tetrafluoroethane	811-97-2	NIOSH 1016M	GC/FID
Tetrahydrofuran	109-99-9	NIOSH 1609	GC/FID
Thallium	7440-28-0	NIOSH 7300	ICP
Tin	7440-31-5	OSHA ID 125	ICP
Titanium	7440-32-6	OSHA ID 125	ICP
Toluene	108-88-3	NIOSH 1501	GC/FID
Toluene Diisocyanate, 2,4	584-84-9	OSHA 42	HPLC
Ship samples refrigerated by overnight delivery.			
Toluene Diisocyanate, 2,6	91-08-7	OSHA 42	HPLC
Ship samples refrigerated by overnight delivery.			
o-Toluidine	95-53-4	NIOSH 2002	GC/FID
Total Hydrocarbons (THC)	N/A	NIOSH 1500	GC/FID
Trichlorethylene	79-01-6	NIOSH 1022	GC/FID
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	76-13-1	NIOSH 1020	GC/FID
1,1,2-Trichloroethane	79-00-5	NIOSH 1003	GC/FID
Trichlorofluoromethane (R11)	75-69-4	NIOSH 1006	GC/FID
Triethanolamine	102-71-6	OSHA CSI	GC/FID
Triethylamine	121-44-8	OSHA CSI	GC/FID
Triethylene Glycol	112-27-6	NIOSH 5523	GC/FID

Also see Glycol Profile.

Industrial Hygiene Test

Analyte	CAS #	Method	Technique
Trimethyl Benzene, Total		NIOSH 1501	GC/FID
Tungsten, Total	7440-33-7	NIOSH 7074	ICP
Turpentine	8006-64-2	NIOSH 1551	GC/FID
Vanadium	7440-62-2	NIOSH 7300	ICP
Vinyl Acetate	108-05-4	NIOSH 1453	GC/FID
Ship samples refrigerated by overnight delivery.			
Vinyl Bromide	593-60-2	NIOSH 1009	GC/FID
Vinyl Chloride	75-01-4	NIOSH 1007	GC/FID
Ship samples refrigerated by overnight delivery.			
Vinyl Toluene	25013-15-4	NIOSH 1501	GC/FID
Vinylidene Chloride	75-35-4	NIOSH 1015	GC/FID
Welding Fume Particulates	N/A	NIOSH 0500	GR
Wood Dust	N/A	NIOSH 0500	GR
Xylenes	N/A	NIOSH 1501	GC/FID
Yttrium	7440-65-5	NIOSH 7300	ICP
Zinc	7440-66-6	NIOSH 7300	ICP
Zinc Oxide	1314-13-2	NIOSH 7300	ICP
Zirconium	7440-67-7	NIOSH 7300	ICP

Asbestos Profiles

Profile	Method	Technique	Sample Media SKC Cat. No	Volume L	Flow Rate LPM	
Asbestos - Bulk ID	EPA 600/ R-93/116	PLM	Double Plastic Bag	5-10	--	
Asbestos - Bulk Point Count	EPA 600/ R-93/116	PLM	Double Plastic Bag	--	--	
Asbestos - Fiber Count	NIOSH 7400	PCM	25mm 0.8 micro PTFE 225-32	480-1000	0.5-16.0	

Indoor Air Quality

Profile	Analyte	Sample Matrix	Method	Technique
Asbestos	Asbestos - Bulk ID	Double Plastic Bag	EPA 600/R-93/116	PLM
	Asbestos - Bulk Point Count		EPA 600/R-93/116	PLM
	Asbestos - Fiber Count		NIOSH 7400	PCM
	Asbestos - Wipe/Vacuum Wipe		ASTM	PLM
Dust	Dust, Nuisance Resp.	Air	NIOSH 600	Grav
	Dust, Nuisance Total	Air	NIOSH 500	Grav
Formaldehyde	Formaldehyde	Air	NIOSH 2016	HPLC
Mold	Mold by Agar Plate Count	Various	Viable	Count
	Mold by Agar Plate ID per Species	Various	Viable	Count
	Mold by Cassette	Air	Standard Microscopy	Count
	Mold by Culture (Bulk, Swab, Wipe)	Bulk, Swab, Wipe	Viable	Count
	Mold by Direct Exam (Tape Lift, Bulk, Swab)	Tape Lift, Bulk, Swab	Standard Microscopy	Count
	Yeast and Mold Count	Various	Viable	Count
Volatile Organic Compounds (VOCs)	1,1,1-Trichloroethane	1. Summa Canister 2. Thermal Desorption Tube	TO-15	GC/MS
	1,1,2,2-Tetrachloroethane		TO-17	GC/MS
	1,1,2-Trichloro-1,2,2-trifluoroethane			
	1,1,2-Trichloroethane			
	1,1-Dichloroethane			
	1,1-Dichloroethene			
	1,2,4-Trichlorobenzene			
	1,2,4-Trimethylbenzene			
	1,2-Dibromoethane			
	1,2-Dichlorobenzene			
	1,2-Dichloroethane			
	1,2-Dichloropropane			
	1,2-Dichlorotetrafluoroethane			
	1,3,5-Trimethylbenzene			
	1,3-Dichlorobenzene			
	1,4-Dichlorobenzene			
	Benzene			
	Bromomethane			
	Carbon Tetrachloride			
	Chlorobenzene			
	Chloroethane			
	Chloroform			
	Chloromethane			
	cis-1,2-Dichloroethene			
	cis-1,3-Dichloropropene			
	Dichlorodifluoromethane			
	Ethylbenzene			
	Hexachlorobutadiene			
	m- & p-Xylenes			
	Methylene Chloride			
	o-Xylene			
	Styrene			
	Tetrachloroethene			
	Toluene			
	trans-1,3-Dichloropropene			
	Trichloroethene			
	Trichlorofluoromethane			
	Vinyl Chloride			

Inorganic Profiles

Profile	Analyte	Sample Media SKC Cat. No	Volume Liter	Flow Rate LPM	Method	Technique
Inorganic Acids	Hydrobromic Acid Hydrochloric Acid Hydrofluoric Acid Nitric Acid Phosphoric Acid Sulfuric Acid	ST 226-10-03	100	0.2-0.4	NIOSH 7903	IC
Solder Metals	Arsenic Beryllium Cadmium Copper Lead Selenium Silver Thallium Tin	F/CST 225-3-01	480-960	0.2-0.4	OSHA ID-206	ICP
Trace Metals	Arsenic Beryllium Cadmium Chromium Lead Vanadium	F/CST 225-3-01	400	1.0-3.0	NIOSH 7300	ICP
Welding Fumes Metals	Aluminum, Antimony, Beryllium, Cadmium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Titanium, Vanadium, Zinc and Total Particulates	F/CST 225-3-01	960	2.0	OSHA ID-125G	ICP
Welding Fumes Metals (Bulk)	Aluminum, Antimony, Beryllium, Cadmium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Titanium, Vanadium, Zinc	Approximately 2 grams	N/A	N/A	OSHA ID-125G	ICP
Welding Fumes Metals (Wipe)	Aluminum, Antimony, Beryllium, Cadmium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Titanium, Vanadium, Zinc	100 square centimeters area taken	100sq cm or 1sq ft	N/A	OSHA ID-125G	ICP

Organic Profiles

Profile	Analyte	Sample Media SKC Cat. No	Volume Liter	Flow Rate LPM	Method	Technique
Aldehydes	Acetaldehyde	DNPH ST 226-119	16-30	0.2-1.0	NIOSH 2016M	HPLC/UV
	Acrolein					
	Benzoaldehyde					
	Butyraldehyde					
	Formaldehyde					
	Gutaraldehyde					
	Isovalaldehyde					
	Propionaldehyde					
Aromatic Hydrocarbons	Benzene	ST 226-01	10	0.1-0.5	NIOSH 1501	GC/FID
	Chlorobenzene					
	Cumene					
	o-Dichlorobenzene					
	p-Dichlorobenzene					
	Ethyl Benzene					
	α-Methyl Styrene					
	Naphthalene					
	p-tert-Butyl Toluene					
	Styrene					
	Toluene					
	Vinyl Toluene					
	Xylene					
BTEX	Benzene	ST 226-01	5-15	0.05-0.2	NIOSH 1501	GC/FID
	Ethyl Benzene					
	Toluene					
	Xylene					
Organochlorine Pesticides	Aldrin	PUF 226-92&226-124	240-7200	1-5	TO-10A	GC/ECD
	α-BHC					
	β-BHC					
	δ-BHC					
	γ-BHC (Lindane)					
	α-Chlordane					
	γ-Chlordane					
	4,4-DDD					
	4,4-DDE					
	4,4-DDT					
	Dieldrin					
	Endosulfan I					
	Endosulfan II					
	Endosulfan Sulfate					
	Endrin					
	Heptachlor					
	Heptachlor Epoxide					
	Methoxychlor					
Diisocyanates	HDI	CF/CST 225-9002	15-240	1	OSHA 42&47	HPLC
	MDI					
	2,4-TDI					
	2,6-TDI					

Organic Profiles

Profile	Analyte	Sample Media SKC Cat. No	Volume Liter	Flow Rate LPM	Method	Technique
Glycols	Butylene Glycol	ST 226-57	5-60	0.2-2.0	NIOSH 5523	GC/FID
	Diethylene Glycol					
	Ethylene Glycol					
	Propylene Glycol					
	Triethylene Glycol					
Organic Solvent	Acetone	ST 226-01	3-10	0.02-0.1	OSHA 7M	GC/FID
	Benzene					
	Butyl Acetate					
	Chlorobenzene					
	Cumene					
	Cyclohexanone					
	Decane					
	1,2-Dichloroethane					
	1,4-Dioxane					
	Ethyl Acetate					
	Ethyl Benzene					
	Heptane					
	Hexane					
	Isooctane					
	Methyl Ethyl Ketone					
	Methyl Isobutyl Ketone					
	Methylene Chloride					
	n-Propyl Acetate					
	Octane					
	Pentane					
	Perchloroethylene					
	Styrene					
	Toluene					
	1,2,4-Trimethylbenzene					
	Xylenes					
PNAs (PAHs)	Acenaphthene	FLT/ST 225-17-07 226-30-04	200-1000	2	NIOSH 5506	HPLC UV/FL
	Acenaphthylene					
	Anthracene					
	Benzo(k)fluoranthene					
	Benzo(g,h,i)perylene					
	Benzo(a)pyrene					
	Benzo(a)anthracene					
	Benzo(b)fluoranthene					
	Chrysene					
	Dibenzo(a,h)anthracene					
	Fluoranthene					
	Fluorene					
	Indeno(1,2,3-cd)pyrene					
	Naphthalene					
	Phenanthrene					
	Pyrene					
PCBs	Aroclor 1221	FLT/ST 226-32 226-39	50	0.05-0.2	NIOSH 5503M	GC/ECD
	Aroclor 1232					
	Aroclor 1242					
	Aroclor 1248					
	Aroclor 1254					
	Aroclor 1260					

Organic Profiles

Profile	Analyte	Sample Media SKC Cat. No	Volume Liter	Flow Rate LPM	Method	Technique
THC	Total Hydrocarbon as Hexane	ST 226-01	5-15	0.05-0.2	NIOSH 1501	GC/FID

Terms and Abbreviations

AA	Atomic Absorption	SCN	Screen
AIHA	American Industrial Hygiene Association	ST	Sorbent Tube
BTEX	Benzene, Toluene, Ethyl Benzene, Xylenes	THC	Total Hydrocarbon
C/HLD	Filter Cassette and Cyclone Holder	TTM	Titrimetric
CAS #	Chemical Abstract Service Number	UV	Ultraviolet
CF/CST	Coated Filter in Preloaded Cassette	W	Wipe
CST	Filter Cassette		
CYC	Cyclone		
DNPH	Dinitrophenyl Hydrazine		
EPA	Environmental Protection Agency		
F/CST	Preloaded Filter Cassette		
FID	Flame Ionization Detector		
FLT	Filter		
FNL	Filter Funnel		
G	Glass		
g	Gram		
GC	Gas Chromatography		
GC/ECD	Gas Chromatography/Electron Capture Detector		
GC/FID	Gas Chromatography/Flame Ionization Detector		
GC/NPD	Gas Chromatography/Nitrogen-Phosphorus Detector		
GFAA	Graphite Furnace Atomic Absorption		
GFF	Glass Fiber Filter		
GR	Gravimetric		
HPLC	High Performance Liquid Chromatography		
IAQ	Indoor Air Quality		
IC	Ion Chromatography		
ICP	Inductively Coupled Plasma		
IMP	Impinger		
ISE	Ion Specific Electrode		
L	Liter		
M	Modified		
MCEF	Mixed Cellulose Ester Filter		
N/A	Not Applicable		
NaOH	Sodium Hydroxide		
NIOSH	National Institute for Occupational Safety and Health		
OSHA	Occupational Safety and Health Administration		
OVS	OSHA Versatile Sampler		
PAHs	Polynuclear Aromatic Hydrocarbons		
PCBs	Polychlorinated Biphenyls		
PCM	Phase Contrast Microscopy		
PID	Photoionization Detector		
PLM	Polarized Light Microscopy		
PNAs	Polynuclear Aromatics		
POVM	Passive Organic Vapor Monitor		
PTFE	Polytetrafluoroethylene Filter		
PUF	PUF Cartridge		
PVC	Polyvinyl Chloride Filter		
PW	Pre-Weighed		